

ABSTRACT OF THE DISCLOSURE

A magnetic head slider for sliding on the magnetic disk, which comprises:

a leading edge; a trailing edge, wherein the air bearing surface has a front step bearing with submicron depth of the air bearing surface was made from said leading edge in the continuity, a rail surface made from this front step bearing in the continuity, a negative pressure recess which is more profound than said front step bearing made in the continuity from this rail surface and a side step bearing with the depth identical with said front step bearing made in the continuity from the rail surface, whereby the ratio of depth R of said recess and depth Δs of said front step bearing is $R / \Delta s \leq 5$.